

# TRIBUILT® EPS FAN FOLD

## USES

TRI-BUILT® EPS Fan Fold underlayment insulation, when installed properly, is designed to further reduce drafts and energy loss by eliminating seams and cracks on the wall, creating a total wall insulating system.

TRI-BUILT® EPS Fan Fold is manufactured out of expanded polystyrene laminated with a durable copolymer film in one continuous sheet measuring 4 feet in height by 24 feet in overall length. It is scored every 2 feet giving it its fan fold property.

TRI-BUILT® EPS Fan Fold is ideal in re-cover applications, as well as single ply roof applications that employ mechanically fastened TPO, PVC, EPDM and CSPE membranes. Consult local building codes and membrane manufacturer for system requirements.

The EPS core meets or exceeds the requirements of ASTM C-578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. Fan Fold also has excellent compressive strength, dimensional stability, and water resistant properties.

Fan Fold is not a vapor barrier. It provides permeability which allows wall cavities to breathe, thus reducing the risk of condensation within the wall. Fan Fold provides great value as a leveling board, insulator and air infiltration barrier.

### Warranty Information

TRI-BUILT® MATERIALS GROUP, LLC EPS products are warranted only as follows: The seller will replace, without charge, products proved to have manufacturing defects within 6 months of the date of delivery thereof and provided Seller has been given an opportunity to inspect the product alleged to be defective and the installation of use thereof. NO WARRANTY IS INCLUDED AGAINST ANY EXPENSE FOR REMOVAL, REINSTALLATION OR OTHER CONSEQUENTIAL DAMAGES ARISING FROM ANY DEFECT. THE WARRANTIES SET OUT ABOVE ARE THE ONLY WARRANTIES MADE BY SELLER AND ARE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## R-VALUES

## SYSTEM R-VALUE\*\*

3/8" thick = 1.5 R-value

3/8" thick = 4.9 R-value

1/2" thick = 2.0 R-value

1/2" thick = 5.4 R-value

3/4" thick = 3.0 R-value

3/4" thick = 6.4 R-value

R-values stated above are at 75 degrees F.

R-values actually increase as the temperature goes down.

\*R-values based on data from the ASHRAE Handbook of Fundamentals 1993, Chapter 22

\*\* System R-value includes 3/4" foil lined air space (ASHRAE, Chapter 22)

Permeance

5.0 water vapor permeance of 1" thickness, max. perm Test Method ASTM E96

MATERIAL CONFORMS WITH THE UNIFORM BUILDING CODE, BOCA; THE BASIC BUILDING CODE, ICBO; THE STANDARD BUILDING CODE, SBCC; AND HAS FHA ACCEPTANCE.

Plastic foam products are considered flammable when exposed to fire and should be used in accordance with applicable building code requirements.